

Montagna et al., 10/696342

Amdt., p. 2

CLAIMS AMENDMENTS

1 (currently amended). In a pull out system having at least one stationary rail cooperating with at least one movable rail through rollers in which the at least one movable rail can be moved relative the at least one stationary rail, the improvement which comprises at least one of the following items:

as the at least one stationary rail, an inverted French F-channel that has a lower rail roller track; a channel track foot that bounds a bottom of the lower rail roller track; an upward facing lower roller track face on the channel track foot; a stabilizing base foot, which extends opposite the channel track foot; a vertically extending face that extends from the channel track and stabilizing base feet; a central portion extending horizontally from the vertically extending face, which has an upper roller track face, and a downward facing roller track face that forms with the upward facing lower roller track face the lower rail roller track, which can receive at least one roller; wherein a first set of rollers is mounted in the vertically extending face and projects in the same direction as and above the central portion;

as the at least one movable rail, an inverted U-channel that has a depending bearing-mounting portion; a depending, rail-aligning portion, which extends downwardly substantially the same distance as does the bearing-mounting portion; and upper, tray or

Montagna et al., 10/696342

Amdt., p. 3

other load-bearing surface mounting and supporting portion, which extends laterally between and connects to the bearing-mounting and rail-aligning portions, and which can be mounted on the first set of rollers of the inverted French F-channel with rolling contact between it and the first set of rollers; wherein a second set of at least one roller is mounted in the bearing-mounting portion and projects toward the rail-aligning portion so as to be receivable in the lower rail roller track of the inverted French F-channel and provide rolling contact with the lower rail roller track; and

among the rollers, at least one being a cam-follower bearing.

2 (original). The improvement of claim 1, which system is for vehicles and trailers, and includes the inverted French F-channel.

3 (currently amended). The improvement of claim 2, wherein the ~~at least one stationary rail has a first set of rollers mounted thereon, said rail adapted for receiving a second set of rollers, and a movable rail having~~ inverted U-channel is also present, and the second set of at least one roller is a plurality ~~rollers mounted thereon, wherein the movable rail is mounted to the rail with rolling contact both between the first set of rollers and the movable rail and between the stationary rail and the second set of rollers.~~

4 (currently amended). The improvement of claim ~~2,~~ 3, which includes a stationary mounting frame having ~~as the at least one stationary rail as a set of parallel rails having a~~

Montagna et al., 10/696342

Amdt., p. 4

~~first set of rollers mounted thereon, said set of rails adapted for receiving a second set of rollers, rails, each of which is the inverted French F-channel; and a subcombination having a movable mounting frame having as the at least one movable rail as a set of parallel movable rails with a second set of rollers mounted thereon, rails, each of which is the inverted U-channel; and a load-bearing surface mounted to the movable frame, the movable frame and load bearing surface subcombination mounted to the stationary mounting frame with rolling contact both between the first set of rollers and the movable frame and between the set of parallel rails and the second set of rollers frame.~~

5 (currently amended). The improvement of claim 1, wherein:

the first set of rollers mounted in the inverted French

~~F-channel has a lower rail roller track, a channel track foot that bounds a bottom of the lower rail roller track, an upward facing lower roller track face on the channel track foot, a stabilizing base foot, which extends opposite the channel track foot, a vertically extending face that extends from the channel track and stabilizing base foot, a central portion extending horizontally from the vertically extending face, which has an upper roller track face, and a downward facing roller track face that forms with the upward facing lower roller track face and so forth the lower rail roller track; includes a plurality of rollers mounted about a rear end of the channel;~~

the second set of rollers mounted in the inverted U-channel

~~has bearing mounting portion, depending, rail-aligning~~

Montagna et al., 10/696342

Amdt., p. 5

~~portion; and upper, tray or other load-bearing surface mounting and supporting portion;~~ includes a plurality of rollers evenly distributed about a front end of the channel; and

the at least one cam-follower bearing includes a plurality of ~~pin or~~ needle type bearings.

6 (currently amended). The improvement of claim 2, wherein:

the first set of rollers mounted in the inverted French

~~F-channel has a lower rail roller track; a channel track foot that bounds a bottom of the lower rail roller track; an upward facing lower roller track face on the channel track foot; a stabilizing base foot, which extends opposite the channel track foot; a vertically extending face that extends from the channel track and stabilizing base foot; a central portion extending horizontally from the vertically extending face, which has an upper roller track face, and a downward facing roller track face that forms with the upward facing lower roller track face and so forth the lower rail roller track;~~ includes a plurality of rollers mounted about a rear end of the channel;

the second set of rollers mounted in the inverted U-channel

~~has bearing mounting portion; depending, rail-aligning portion; and upper, tray or other load-bearing surface mounting and supporting portion;~~ includes a plurality of rollers evenly distributed about a front end of the channel; and

the at least one cam-follower bearing includes a

Montagna et al., 10/696342

Amdt., p. 6

plurality of ~~pin or~~ needle type bearings.

7 (currently amended). The improvement of claim 3, wherein:

the first set of rollers mounted in the inverted French

~~F-channel has a lower rail roller track; a channel track foot that bounds a bottom of the lower rail roller track; an upward facing lower roller track face on the channel track foot; a stabilizing base foot, which extends opposite the channel track foot; a vertically extending face that extends from the channel track and stabilizing base foot; a central portion extending horizontally from the vertically extending face, which has an upper roller track face, and a downward facing roller track face that forms with the upward facing lower roller track face and so forth the lower rail roller track;~~
includes a plurality of rollers mounted about a rear end of the channel;

the second set of rollers mounted in the inverted U-channel

~~has bearing mounting portion; depending, rail-aligning portion; and upper, tray or other load-bearing surface mounting and supporting portion;~~ includes a plurality of rollers evenly distributed about a front end of the channel; and

the at least one cam-follower bearing includes a

plurality of ~~pin or~~ needle type bearings.

8 (currently amended). The improvement of claim 4, wherein:

the first set of rollers mounted in the inverted French

~~F-channel has a lower rail roller track; a channel track foot that bounds a bottom of the lower rail roller track;~~

Montagna et al., 10/696342

Amdt., p. 7

~~an upward facing lower roller track face on the channel track foot; a stabilizing base foot, which extends opposite the channel track foot; a vertically extending face that extends from the channel track and stabilizing base foot; a central portion extending horizontally from the vertically extending face, which has an upper roller track face, and a downward facing roller track face that forms with the upward facing lower roller track face and so forth the lower rail roller track;~~
includes a plurality of rollers mounted about a rear end of the channel;

the second set of rollers mounted in the inverted U-channel
~~has bearing mounting portion; depending, rail-aligning portion; and upper, tray or other load bearing surface mounting and supporting portion;~~ includes a plurality of rollers evenly distributed about a front end of the channel; and

the at least one cam-follower bearing includes a plurality of ~~pin or~~ needle type bearings.

9 (currently amended). The improvement of claim ~~8,~~ 4, wherein the first set of rollers on each stationary rail, inverted French F-channel includes at least three of the cam-follower bearings, and an at least about 3000-pound load can be supported.

10 (currently amended). The improvement of claim ~~9,~~ 8, wherein ~~at second~~ the first set of rollers on each ~~movable~~ stationary rail, inverted ~~U channel~~ French F-channel includes at least three ~~rollers~~ of the cam-follower bearings, and an at

Montagna et al., 10/696342

Amdt., p. 8

least about 3000-pound load can be supported.

11 (original). The improvement of claim 1, wherein all three of the items are present.

12 (original). The improvement of claim 2, wherein all three of the items are present.

13 (original). The improvement of claim 3, wherein all three of the items are present.

14 (original). The improvement of claim 4, wherein all three of the items are present.

15 (currently amended). The improvement of claim 4, wherein the movable mounting frame includes a support member for supporting a slide-in/out accessory that can slide in and slide out relative to the movable mounting frame.

16 (original). The improvement of claim 15, wherein the slide-in/out accessory is present.

17 (currently amended). ~~The in combination, the~~
improvement of claim ~~2, mounted to a cargo area of a vehicle or~~
~~trailer~~ 16, wherein the slide-in/out accessory is a drawer.

18 (currently amended). ~~The in combination, the~~
improvement of claim ~~4, mounted to a cargo area of a vehicle or~~
~~trailer~~ wherein the slide-in/out accessory is a ramp.

19-22 (canceled).

23 (currently amended). An inverted French F-channel comprising a lower rail roller track; a channel track foot bounding a bottom of the lower rail roller track; an upward facing lower roller track face on the channel track foot; a stabilizing base foot extending opposite the channel track foot; a vertically extending face extending from the channel track and

Montagna et al., 10/696342

Amdt., p. 9

stabilizing base feet; a central portion extending horizontally from the vertically extending face, which has an upper roller track ~~face~~ face; and a downward facing roller track face that forms with the upward facing lower roller track face ~~and so forth~~ the lower rail roller track, which can receive at least one roller; wherein a set of rollers other than said at least one roller is mounted in the vertically extending face and projects in the same direction as and above the central portion.

24 (currently amended). The inverted French F-channel of claim 23, ~~further including wherein the set of rollers other than said at least one roller includes~~ at least three rollers of which a plurality are mounted ~~thereon~~ about one end of the channel.

25 (original). The inverted French F-channel of claim 24, wherein the at least three rollers are cam-follower bearings.

26 (currently amended). In a movable mounting frame for a pull out drawer system, the improvement which comprises a support member for supporting a slide-in/out accessory, which can slide in and slide out relative to the movable mounting frame.

27 (original). The movable frame of claim 26, wherein the slide-in/out accessory is present.

28 (original). The movable frame of claim 27, wherein the slide-in/out accessory is a drawer.

29 (currently amended). The movable frame of claim 27, wherein the slide-in/out accessory is a ramp that can be separated from yet attachable to the movable frame.

30 (new). The movable frame of claim 27, wherein the slide-in/slide-out accessory includes both a drawer and a ramp,

Montagna et al., 10/696342

Amdt., p. 10

and at least one of the drawer and the ramp has a length substantially greater than its width and slides in and slides out in a direction of its length.

31 (new). The movable frame of claim 27, which is for a cargo area of a vehicle or trailer, and is connected to a stationary frame as part of the pull out drawer system.

32 (new). The movable frame of claim 31, which further includes a load-bearing surface mounted on top of the movable frame so that the load-bearing surface remains fixed in relation to the movable frame.